



mi.puck

PRODUCT CATALOG

With the mi.puck system, we offer you an intelligent solution for creating smart rooms and buildings that is suitable for new buildings, renovation projects and as a retrofit solution in existing buildings.

Welcome to mi.puck by Hugo Müller

Started in 1929 in the Black Forest, we concentrated on
the manufacturing loudspeakers and headphones.

Today, we are pioneers in building automation,
characterized by our mi.puck smart home system.

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Made in Germany - with real passion

Our products are Made in Germany and are developed and manufactured in the Black Forest from the initial idea to the finished product. With mi.puck products, you can not only switch lamps and dimmable LED lamps on and off, but also adjust their brightness according to your wishes. You also have the option of controlling shutters and blinds. The system also allows you to precisely measure and regulate the room temperature and switch any electrical devices on and off.

The control and settings for time functions (week and astro) can be flexibly controlled via the mi.puck smartphone app (Android and iOS). Configuration is also carried out via this app, which secures access to the mi.pucks externally with the help of an individual PIN code.

Set times:

With the integrated astro and weekly timer, flexible programs can be set for each mi.puck.

Control entire buildings:

Create groups with which you can control several lamps, shutters or blinds as well as the room temperature in the house.

Flexible access:

You can control the system using a push-button, switch or the app via Bluetooth or access it from anywhere using the gateway.



Illuminate

Control lamps manually via the app or using a push-button. Alternatively, you can use time functions where the integrated timer automatically switches the light on and off or dims it.

Shading

Whether you use a push-button or an app, you can ensure optimum shading in your rooms. Set individual time functions or use the brightness sensor that automatically lowers or raises your shutters depending on the light level.



Control temperature

Optimize the control of your radiators by being able to adjust them centrally when you are ventilating or away from home, for example. This allows you to save energy and reduce costs. With the temperature controller in the app, you can precisely set your personal comfort temperature.





Simple installation

The mi.pucks are installed by an electrician in cavity wall boxes, for example directly behind the switches or push-buttons.

First-hand support

Our experts are always on hand to help and support you if you have any questions or problems.

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Expandable system:

The mi.puck system allows you to add new devices at any time to expand or supplement your smart home solution as required.

Without complex cabling:

The mesh network, which is set up by the devices via Bluetooth, ensures connectivity that works reliably even without cabling.

Intuitive configuration:

The app can be used to create profiles and associated devices can be easily added, configured and handed over to the customer as a system.

mi.puck mini Switch

EA 16.11 pro4

Supply voltage
230 V, 50-60 Hz

Standby power
0,15 W

Switching capacity
Timer: 5 A
Thermostat: 3 A
Hygrostat: 4 A

Dimensions
38x38x10mm

Mounting
Flush-mounted (cavity wall box)
Cable with 7-wire strands

Ambient temperature
-30 to +45°C

Security
Overheating protection
Protection class II
Battery backup (power reserve)
approx. 10 years

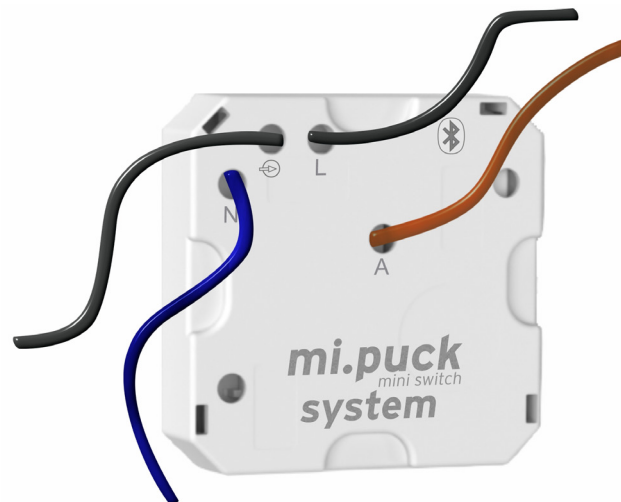
Transmission type
Bluetooth 4.2
Range up to 75 m, extended by
mi.puck mesh technology

Time base
Quartz, $\leq \pm 0,5$ sec/day

Input function
Push-button/switch
Timer: change ON / OFF
or timer

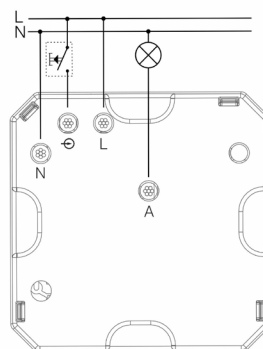
Can be used as

- Timer week
- Timer Astro
- Clock thermostat + LS 20.00 pro4
- Hygrostat + LS 20.00 pro4



The EA 16.11 pro4 mi.puck mini Switch is a single-channel switching actuator that switches lamps, radiators or fans on and off using a switch, push-button, smartphone app or time functions, for example.

- Compact mi.puck mini that fits perfectly into small cavity wall boxes.
- Can be used in combination with the mi.puck sensor (LS 20.00) for Hygrostat and Clock thermostat.
- Time functions such as weekly and astro timer, which stores up to 100 switching times and enables switching on and off, including random control, based on precise date and time information.



It is installed in the cavity wall box behind a push-button, for example.

mi.puck Switch

EA 46.22 pro4

Supply voltage

230 V, 50-60 Hz

Standby power

0,15 W

Switching capacity

Timer: 6 A

Shutter: 2x 3 A

Thermostat: 4 A

Hygrostat: 6 A

Dimensions

41,4x44x20mm

Mounting

Flush-mounted (cavity wall box)

Screw terminals

Ambient temperature

-30 to +45°C

Security

Overheating protection

Protection class II

Battery backup (power reserve)

approx. 10 years

Transmission type

Bluetooth LE

Range up to 75 m, extended by

mi.puck mesh technology

Time base

Quartz, $\leq \pm 0,5$ sec/day

Input function

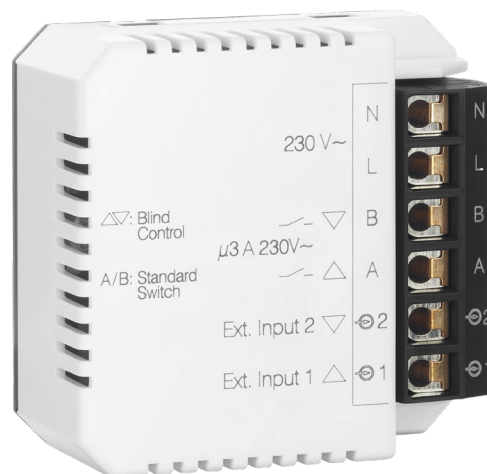
Shutter: Move command / Stop

Timer: change ON / OFF

or timer

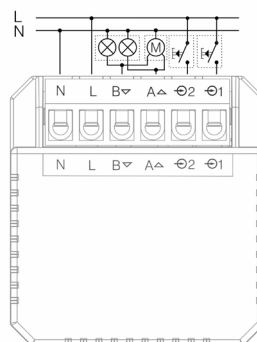
Can be used as

- Timer week
- Astro timer
- Shutter control
- Clock thermostat + LS 20.00 pro4
- Hygrostat + LS 20.00 pro4



The EA 46.22 pro4 mi.puck Switch is a two-channel switching actuator that is suitable for shutter and blind control and can be used in combination with timer functions.

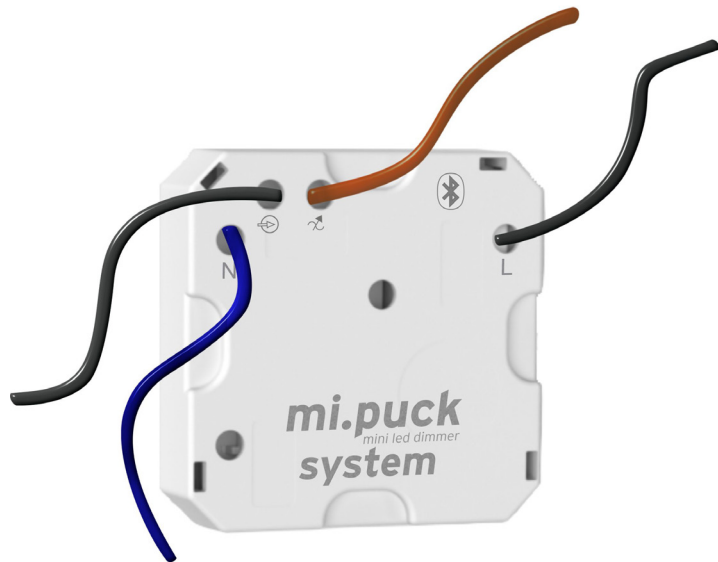
- Can be used in combination with the mi.puck sensor (LS 20.00 pro4) for precise shading.
- Time functions such as weekly and astro timer, which stores up to 100 switching times and enables switching on and off, including random control, based on precise date and time information.



It is installed in the cavity wall box behind a push-button, for example.

mi.puck mini LED Dimmer

EA 26.11 pro4



Supply voltage
230 V, 50 Hz

Standby power
0,3 W

LED Phase section control
4 - 150 W

Dimensions
38x38x10mm

Mounting
Flush-mounted (cavity wall box)
Cable with 7-wire strands

Ambient temperature
-25 to +45°C

Security
Overload, overvoltage, short-circuit
and overheating protection
Protection class II

Transmission type
Bluetooth LE
Range up to 75 m, extended by
mi.puck mesh technology

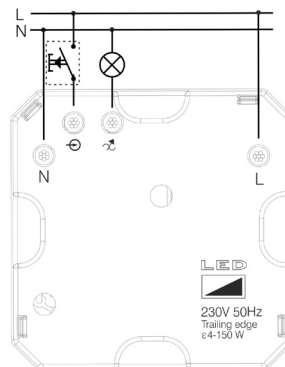
Time base
Quartz
≤ ±0,5 sec/day

Can be used as

- Astro dimmer
- Astro timer

The EA 26.11 mi.puck mini LED dimmer is used to control dimmable LED lamps to adjust the light brightness in order to optimally adapt the lighting to the conditions.

- Adjustable minimum and maximum dimming values.
- Option to set the switch-on brightness.
- Memory function that saves the last active dimming value and switches the light on again with the same dimming value.
- Timer function for time-delayed switch-off or for setting a lighting time period, for example for lighting in stairwells.



It is installed in the cavity wall box behind a push-button, for example.

mi.puck mini LED strip Dimmer

EA 27.11 pro4

Supply voltage
12 - 24V DC

Standby power
< 0,15 W bei 24 V

Switching capacity
max. 8 A

Dimensions
38x38x10mm

Mounting
Flush-mounted (cavity wall box)
Cable with 7-wire strands

Ambient temperature
-25 to +45°C

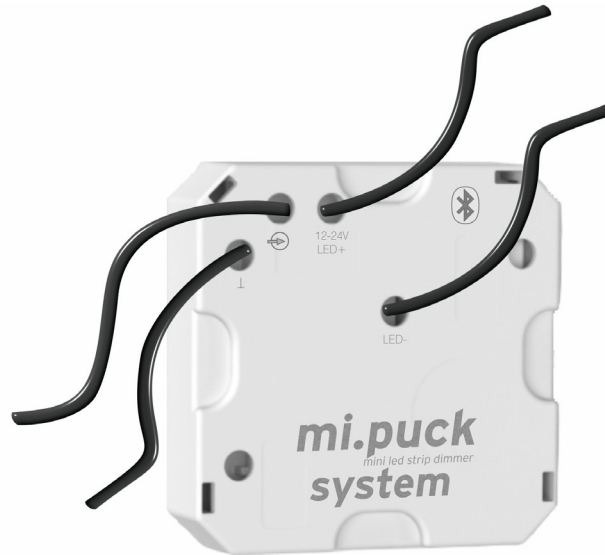
Security
Overload, overvoltage, short-circuit
and overheating protection
Protection class III

Transmission type
Bluetooth 4.2
Range up to 75 m, extended by
mi.puck mesh technology

Time base
Quartz
 $\leq \pm 0,5$ sec/day

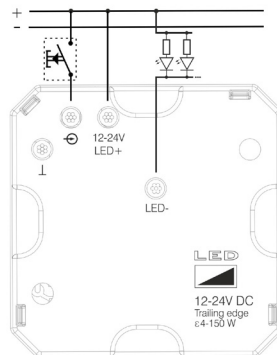
Can be used as

- Astro dimmer
- Astro timer



The EA 27.11 mini LED strip dimmer is a compact device that has been specially developed for controlling dimmable LED strips.

- Adjustable minimum and maximum dimming values.
- Option to set the switch-on brightness.
- Memory function that saves the last active dimming value and switches the light on again with the same dimming value.
- Timer function for time-delayed switch-off or for setting a lighting time period, for example for lighting in stairwells.



It is installed in the cavity wall box behind a push-button, for example.

mi.puck LED Dimmer

EA 66.11 pro4

Supply voltage
230 V, 50 Hz

Standby power
0,3 W

LED Phase section control
4 - 150 W

Dimensions
41,4x44x10mm

Mounting
Flush-mounted (cavity wall box)
Screw terminals

Ambient temperature
-25 to +45°C

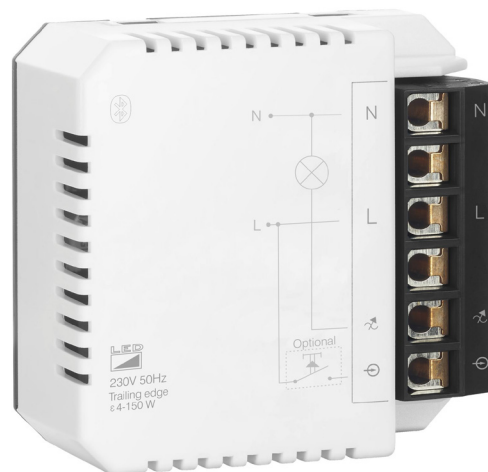
Security
Overload, overvoltage, short-circuit
and overheating protection
Protection class II
Battery backup (power reserve)
approx. 10 years

Transmission type
Bluetooth 4.2
Range up to 75 m, extended by
mi.puck mesh technology

Time base
Quartz
≤ ±0,5 sec/day

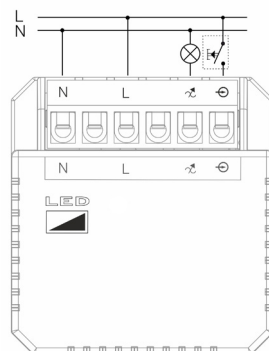
Can be used as

- Astro dimmer
- Astro timer



The EA 66.11 LED dimmer enables precise control of dimmable LED lamps to achieve the ideal dimming level for adjusting the lighting to suit requirements.

- Adjustable minimum and maximum dimming values.
- Option to set the switch-on brightness.
- Memory function that saves the last active dimming value and switches the light on again with the same dimming value.
- Timer function for time-delayed switch-off or for setting a lighting time period, for example for lighting in stairwells.



It is installed in the cavity wall box behind a push-button, for example.

mi.puck Touch LED Dimmer

EA 76.10 pro4

Supply voltage
230 V, 50 Hz

Standby power
0,5 W

LED Phase section control
4 - 150 W

Dimensions
48x48x33,2mm

Mounting
Flush-mounted (cavity wall box)
Spring terminals

Ambient temperature
-30 to +45°C

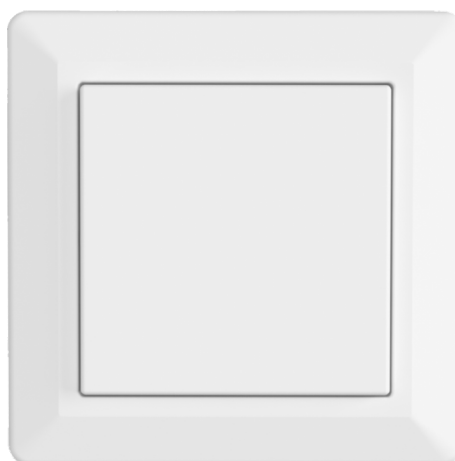
Security
Overload, overvoltage, short-circuit
and overheating protection
Protection class II
Battery backup (power reserve)

Transmission type
Bluetooth 4.2
Range up to 75 m, extended by
mi.puck mesh technology

Time base
Quartz
≤ ±0,5 sec/day

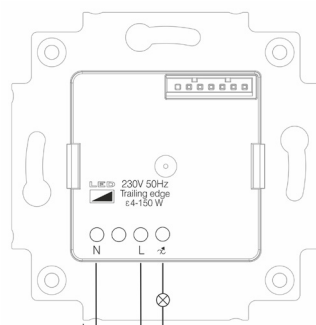
Can be used as

- Astro dimmer
- Astro timer



The EA 76.10 mi.puck Touch LED Dimmer is a touch dimmer with which the light can be switched on and off by briefly touching it and the brightness can be adjusted by touching it for longer periods.

- Adjustable minimum and maximum dimming values.
- Option to set the switch-on brightness.
- Memoryfunktion, die den zuletzt aktiven Dimmwert speichert.
- Timer function for time-delayed switch-off or for setting a lighting time period.
- The option to lock the button to prevent unwanted changes by touch.
- Integrated status LED, which serves as feedback for touch commands and for displaying error messages.



It is installed in the cavity wall box behind a push-button, for example.

mi.puck Sensor

LS 20.00 pro4



Supply voltage

Lithium cell CR 2032 IB

Battery life: approx. 6 years (replaceable)

Measuring range

Lichtsensoren: 0 - 65.000 Lux

Temperatur: 0 - 45 °C

rel. Luftfeuchtigkeit: 0 - 100%

Dimensions

55x55x11,5mm

Mounting

- Window with suction cup (in LU)
- Wall mounting
- In the switch range (55 x 55 mm) with mounting plate (200.001)
- Wall mounting (outside) with mounting bracket (200.002)

Ambient temperature

-10 to +45°C

Security

According to DIN EN 60529:

IP X1

IP X4 (with wall mounting)

Protection class III

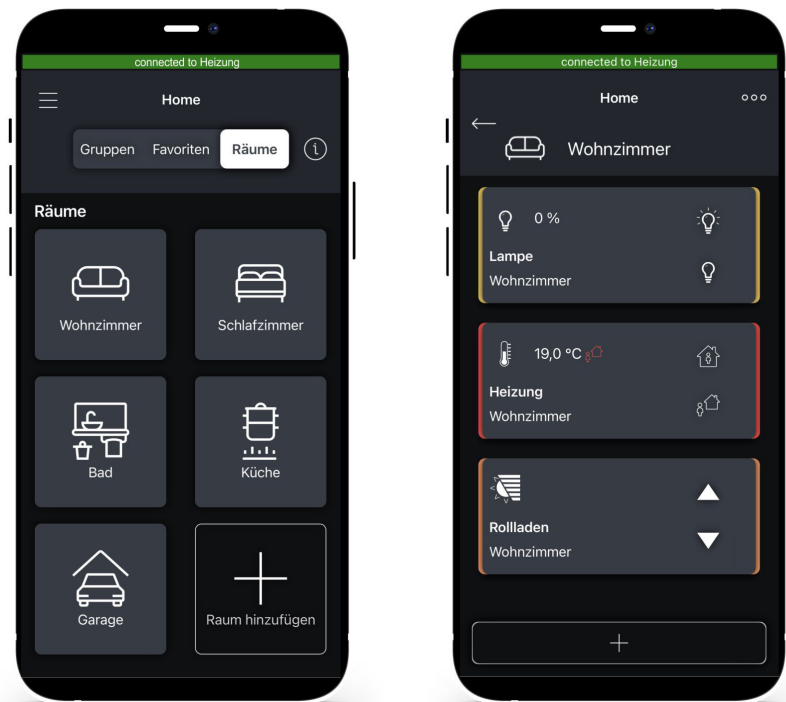
The LS 20.00 pro4 mi.puck sensor can only be used in combination with a mi.puck switch and measures the light value, the temperature and the relative humidity value.

- Suitable for simple wall mounting, attachment to the window using a suction cup for sun protection, installation in the switch range with the mounting plate or for outdoor installation with a mounting bracket.
- The sensor can be used, for example, to control shutters based on the brightness value or to detect the temperature for heating control.

The mi.puck sensor can be installed on the window, with the supplied suction cup, on the wall, in the switching program or outdoors.

mi.puck App

für Android und iOS



Minimum requirement

Android version 7.0

iOS version 12.0

Bluetooth 4.0

The mi.puck app enables quick and easy commissioning of mi.puck devices via smartphone or tablet

- Program and remotely control mi.puck devices with your smartphone or tablet via Bluetooth.
- Intuitive user interface.
- Display and simple change of the current switching status. Optimum overview of all devices in the entire building thanks to the option of creating rooms.

Note

Pairing with the devices must take place via the app.

Switch on your Bluetooth to use the app.

The activation of the location services of iOS and Android is required for a Bluetooth connection. Otherwise, connection problems may occur.

Home can be this clever

Whether you are building or renovating - start your smart home with mi.puck and expand the system as you wish.



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